

ABSTRACT

A multi-tier ASP delivery system. The system can include a host computing device configured to communicate both with a computer communications network and with a plurality of wireless devices in a personal area network (PAN). In particular, a short-range radio communications system can be provided with which wireless communications in the PAN can be established and maintained. A list of ASP services further can be provided which indicates those ASP services which can be accessed by the wireless devices in the PAN. The ASP services in the list can reside locally in the host computing device and remotely in ASP servers in the computer communications network.